	Application No.	Applicant(s)
Notice of Allowability	09/617,480	OLSSON ET AL.
	Examiner	Art Unit	
	Gregory B. Sefcheck	2662	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *the amendment filed 4/4/2005*.

2. ☒ The allowed claim(s) is/are *36-42, respectively renumbered 1-7*.

3. ☒ The drawings filed on *03 May 2004* are accepted by the Examiner.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the

            International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

        Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

EXAMINER'S AMENDMENT

1.   An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview

with Ronald Pomeranke on 6/7/2005.

The application has been amended as follows:

-   Claims 23-31 have been cancelled.

-   Claims 36-42 have been amended as shown on the attached sheets.

2.   The following is an examiner's statement of reasons for allowance:

-   Regarding Claims 36 and 42,

The prior art of record does not teach or fairly suggest a peripheral component or

method for allowing multiple types of connections to be made to a peripheral component

using a common receptacle in which connection type detection logic/devices determine

if a connection type is a telephone dial-up modem, ISDN or Ethernet connection.

Any comments considered necessary by applicant must be submitted no later

than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on

Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gregory B. Sefcheck whose telephone number is 571-272-3098. The examiner can normally be reached on Monday-Friday, 8:00am-4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hassan Kizou can be reached on 571-272-3088. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

GBS
6-21-2005

HASSAN KIZOU
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600

Claims:

36.   (Currently Amended) A peripheral component that allows <u>telephone dial-up</u>

modem, Integrated Services Digital Network (ISDN), or ~~Local Area Network (LAN)~~

<u>Ethernet</u> connection to a host computing device via said peripheral component, said

peripheral component comprising:

a receptacle having a plurality of electrical connecting lines, wherein at least one

of said plurality of electrical connecting lines receives a signal used to detect more than

one type of connection to be made directly to said receptacle;

connection type detection logic that allows determination ~~of~~ <u>if</u> said connection

~~between~~ <u>type is telephone dial-up</u> modem, ISDN, ~~and LAN~~ <u>or Ethernet</u>; and

switching logic adapted to couple appropriate ones of the electrical connecting

lines to said connection type detection logic to allow detection ~~between~~ <u>of telephone

dial-up</u> modem, ISDN, and ~~LAN~~ <u>Ethernet connection types</u> to the peripheral component.

37. (Currently Amended) A peripheral component as recited in Claim 36, wherein said

~~plurality of detection devices are~~ <u>connection type detection logic is</u> operable to detect

the type of connection by a physical test.

38. (Currently Amended) A peripheral component as recited in Claim 36, wherein at

least one of said plurality of detection devices said connection type detection logic uses

a physical test that is different from one another for at least one connection type.

39. (Currently Amended) A peripheral component as recited in Claim 36, wherein at

least one of the plurality of detection devices said connection type detection logic is

operable to detect the at least one type of connection by detecting a voltage.

40. (Currently Amended) A peripheral component as recited in Claim 39, wherein at

least one of the plurality of detection devices said connection type detection logic is

operable to detect the at least one type of connection by detecting a current.

41. (Currently Amended) A peripheral component as recited in Claim 36, wherein at

least one of the plurality of detection devices said connection type detection logic is

operable to detect the at least one type of connection by detecting a current.

42. (Currently Amended) A method for allowing multiple types of connections to be

made to a peripheral component using a common receptacle comprising:

switching appropriate electrical connecting lines of said peripheral component to

electrically couple an Local Area Network (LAN) Ethernet detection device to said

receptacle, wherein at least one of said electrical connecting lines is used to detect

more than one type of connection made directly to said peripheral component;

determining if said peripheral component is coupled to an ~~LAN~~ Ethernet

connection;

switching appropriate electrical connecting lines of said peripheral component to

electrically couple telephone dial-up modem detection logic to said receptacle;

determining if said peripheral component is coupled to a telephone dial-up

modem connection;

switching appropriate electrical connecting lines of said peripheral component to

electrically couple ISDN detection logic to said receptacle;

determining if said peripheral component is coupled to an ISDN connection; and

sending a signal to a host computer indicating a type of connection being made

to said peripheral component, if any.